



**Materials:** 5 number cubes and score chart

**Procedure:** READ ALL DIRECTIONS BEFORE BEGINNING PLAY.

1. Roll one number cube and multiply the result by 10. Roll a second number cube and add result to previous product. Record sum in **Target Number T** column.Now roll all five number cubes and record all five numbers in the **Working Numbers** column.
2. Repeat #1 until all rows are filled in with the **same target number** and the **same working numbers** for everyone. Then you and your partner will work together to complete the chart as follows. The other pairs are your competition!
3. Try to find a numerical expression that will have a value equal to the **Target Number**. You must use **all** five **Working Numbers** and **only** those five **Working Numbers.** Connect the numbers with mathematical symbols to create a numerical expression and **Record Your** **Numerical Expression**. **The object of the game is to get a final score of zero or as close to zero as you can!** If you can’t get the exact target, get as close to it as you can! **Lowest score wins!**
4. **Evaluate** the numerical expression using the order of operations and record that **Value E**.
5. Find the difference between the **Target Number** and the **Value E**. (Subtract the smaller number from the larger number.) Record the difference in the last column.
6. When you have completed the five rounds, total the last column for your score. **GOOD LUCK!**

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| **Working** **Numbers** | **Target****Number**  **T** | **Record Numerical Expression****with all five working numbers** **and math symbols.** | **Evaluated**  **Value**  **E** | **Difference**  **between**  **T and E** |
| Ex. |  |  |  | Do not include in sum. |
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| total | | | |  |